FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

		NSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER							
1		ESIGNATED/ELECTED	078116-0102							
	C	DNCERNING A FILING U	JNDER 35 U.S.C. 371	U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/587,035						
	PCT/JP20	005/000873	ITERNATIONAL FILING DATE 01/24/2005	PRIORITY DATE CLAIMED 01/23/2004						
		/ENTION N DETECTION DEVICE								
APF	LICANT(S) FOR DO/EO/US								
		ORISHITA with submits to the United States	s Designated/Elected Office (DO/EO/US)	the following items and other information:						
1.			•	-						
2.		This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.								
3.	\boxtimes	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4.		The US has been elected (Article	e 31).							
5.		A copy of the International Applic	cation as filed (35 U.S.C. 371(c)(2))							
		ational Bureau).								
		has been communicated I	by the International Bureau.							
		is not required, as the application was filed in the United States Receiving Office (RO/US)								
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto.								
_	П	·		No. 10 (35 H.S.C. 371(c)(3))						
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not transmitted by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired.								
		have not been made and will not be made.								
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Articl 36 (35 U.S.C. 371(c)(5)).								
Iten	ns 11 to 2	0 below concern other docume	ent(s) or information included:							
11.	\boxtimes	An Information Disclosure Stater	ment under 37 CFR 1.97 and 1.98.							
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included								
13.	\boxtimes	A preliminary amendment.								
14.		An Application Data Sheet under 37 CFR 1.76.								
15.		A substitute specification.								
16.		A power of attorney and/or change of address letter.								
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13 <i>ter</i> .2 and 37 CFR 1.821 – 1.825								
18.		A second copy of the published in	nternational application under 35 U.S.C. 1	54(d)(4).						
19.		A second copy of the English land	guage translation of the international applie	cation under 35 U.S.C. 154(d)(4).						
20.		Other items or information:								
FOR	RM PTO-1:	90 (Modified)								

1.S. APPLICATION NO. (If known, see 37 CFR. 1.5) 10/587,035						Y'S DOCKET NUMBER 16-0102			
The following	ng fees have b	een sul	bmitted:						
21. 🛛 Basic natio	-			\$3	00	\$	0.00		
22. X Examination	on fee					 			
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations \$200						\$	0.00		
23. Search fe	е					1			
	.445(a)(2)) ha	as been	paid on the international	applicatio	n to the				
· -			•						
USPTO as an International Searching Authority \$100									
International Search Report prepared and provided to the Office \$400									
All other situations \$500					00	\$	0.00		
TOTAL OF ABOVE 21, 22 and 23 =						\$	0.00		
☐ Additional fee for	specification	and dra	wings filed in paper over 1	00 sheets	(excluding	· · · ·			
sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.									
Total Sheets Extra	sheets	Number	r of each additional 50 or f	raction	RATE	1			
	1	thereof	(round up to a whole num	ber)					
57 - 100 = 0	/50 =		0	,	\$250.00	\$	0.00		
		the oa	th or declaration later that			\$	130.00		
earliest claimed priority						ľ			
CLAIMS	NUMBER F	ILED	NUMBER EXTRA	R	ATE	\$			
Total Claims				,			0.00		
		- 20 =	0	x \$	50.00	\$	0.00		
Independent Claims	1	- 3 =	0	x \$	200.00	\$	0.00		
MULTIPLE DEPENDE	ENT CLAIM(S)) (if app	ficable)	+\$	360.00	\$			
.,			TOTAL OF ABOV	CALCUL	ATIONS =	\$	130.00		
<u>.</u>	na amall antiti					_			
		status.	See 37 CFR 1.27, Fees	above are	+	\$	0.00	\\	
reduced by 1/2.									
SUBTOTAL :				BTOTAL =	\$	130.00			
Processing fee of 130.00 for furnishing the English translation later than 30 months				ths	\$	\$130.00			
from the earliest claimed priority date (37 CFR 1.492(i)).					-	1	•		
							200.00		
TOTAL NATIONAL FEE =						\$	260.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be						\$	0.00		
accompanied by an ap	opropriate cove	er shee	t (37 CFR 3.28, 3.31). 40	00 per pro	perty				
			TOTAL	FEES EN	CLOSED =	\$	260.00		
					-		Amount to be		
						1	refunded:		
							charged:		
	41		4- **						
a. A check in	ine amount	ι οτ	to cover the a	above fee	s is enclos	ea.			
b. Please ch	arge my Dor	nneit A	count No. 10-07/11 in t	he amou	nt of		to cover the ch	ove fees	
b. Please charge my Deposit Account No. <u>19-0741</u> in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed.								,040 10 0 3.	
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit an overpayment to Deposit Account No. 19-0741. A duplicate copy of this sheet is enclosed.									
 d. \overline{\text{\$\subset\$}} Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO 2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been inet, a petition to revive (37 CFF 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. 									
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								us.	
1.137(a) or (b)) mu	appropriate st be filed a	e time ind gra	inted to restore the In	cinatio	1,	H	/		
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